

What is claimed is:

1. A method for controlling call access of a terminal in a communication system comprising the steps of:

broadcasting at a base station at least two or more call  
5 access control information to a plurality of mobile stations in its cell or sector; and

receiving at a corresponding mobile stations the call access control information and performing call access request at the base station depending on the call access control information.

2. The method as claimed in claim 1, wherein the call access information includes interference information of a reverse link, and information of at least one or more code class in which Walsh codes assigned to the mobile station from the base station are classified depending on transmission rate.

3. The method as claimed in claim 2, wherein the interference information of the reverse link compares overall received power from the plurality of mobile stations in the cell or sector of the base station with a predefined threshold value, and then selectively indicates whether a current reverse channel is idle or busy.

4. The method as claimed in claim 2, wherein the

information of the code classes indicates individually whether the state of each code class is idle or busy.

5     5. The method as claimed in claim 2, wherein the plurality of code classes have relative priority orders if a code length of each code class is different.

6. The method as claimed in claim 2, wherein the call access information are transmitted through a broadcasting channel per super frame period.

7. The method as claimed in claim 2, wherein the call access information are transmitted through a paging channel per slot cycle period.

8. The method as claimed in claim 2, wherein the mobile station uses a code class having the highest priority if the mobile station requests call access of the base station.

9. The method as claimed in claim 2, wherein, if the reverse link included in the call access control information, the mobile station identifies the state of an individual resource of the code class so as to implement call access using a code class assigned to oneself among code classes which are idle.

10. A method for controlling call access of a terminal in a communication system, comprising the step of broadcasting at a base station call access control signal including interference information of a reverse link and information of at least one or more code class in which Walsh codes assigned to mobile stations from the base station are classified depending on transmission rate, to a plurality of mobile stations in its cell or sector.

11. The method as claimed in claim 10, wherein the information of each code class indicates whether the state of each code class is idle or busy.

12. A data frame structure used for controlling call access of a terminal in a communication system, comprising:

a link busy/idle field indicating whether or not interference of a reverse link transmitted to a mobile terminal from a base station exceeds a preset threshold value; and

a code class busy/idle field indicating whether or not a plurality of Walsh code classes are available.

13. The data frame structure as claimed in claim 12, wherein the code class busy/idle field individually indicates whether the state of each code class is idle or busy.

14. The data frame structure as claimed in claim 12,

add  $a^2$  / add  $ca$

17